

# METROLINK. **MATTERS** NEWS:EVENTS

## TIER 4 LOCOMOTIVE MAKES DEBUT AT LOS ANGELES UNION STATION

A NEW ERA IN LOCOMOTIVES BEGINS



### METROLINK. **TIER 4 UNVEILING**

### FIRST OF 40 NEW LOCOMOTIVES ARRIVES AT METROLINK

Metrolink celebrated the arrival of the first new Tier 4 locomotive during an event at Los Angeles Union Station on July 18. During the program, Metrolink thanked state and federal legislative delegation, the local community, and business and environmental stakeholders for their leadership and support in this effort. Metrolink was the first commuter rail agency in the nation to purchase the low-emission Tier 4 locomotives. The first of 40 locomotives will begin operating throughout the Metrolink system in late 2016. The remaining 39 will arrive at Metrolink over the next 18 months.

This Electro-Motive Diesel (EMD) F125 locomotive is compliant with the latest U.S. Environmental

Protection Agency Tier 4 emissions standards. The Tier 4 locomotives will reduce particulate matter and nitrogen oxide emissions by up to 85 percent, leading to cleaner air and a healthier environment for people who reside in the Southern California region. In addition to environmental benefits, the new engines will operate with up to 64 percent more horsepower, allowing Metrolink to move people more quickly and reliably.

At an expected cost of \$280 million for all 40 locomotives, funding was provided through a South Coast Air Quality Management District program, a State of California program, Metrolink member agencies and other subsidies.

*Metrolink thanks our many partners who made this advancement in technology, energy efficiency and safety possible.*

#### SPECIAL PROGRAM FEATURES

#### OLD WORK HORSE MEETS THE NEW



Also on display at the event with the new Tier 4 locomotive were two older Metrolink locomotives and the classic #3751 steam engine from the 1930s. The oldest and newest locomotives show a big contrast in railroad history.

#### FIRST TIER 4 LOCOMOTIVE DEDICATED

The first Tier 4 locomotive was dedicated to Patrick J. Morris for his leadership on the Metrolink Board from 2006-2014 and as chairman from 2013-2014. Morris is the former Mayor of San Bernardino and is shown here with the train plaque and his grandsons.



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DESTINATIONS & EVENTS



POSITIVE TRAIN CONTROL



CRASH ENERGY MANAGEMENT



85% LOWER EMISSIONS



FUEL EFFICIENT ENGINE



64% MORE HORSEPOWER